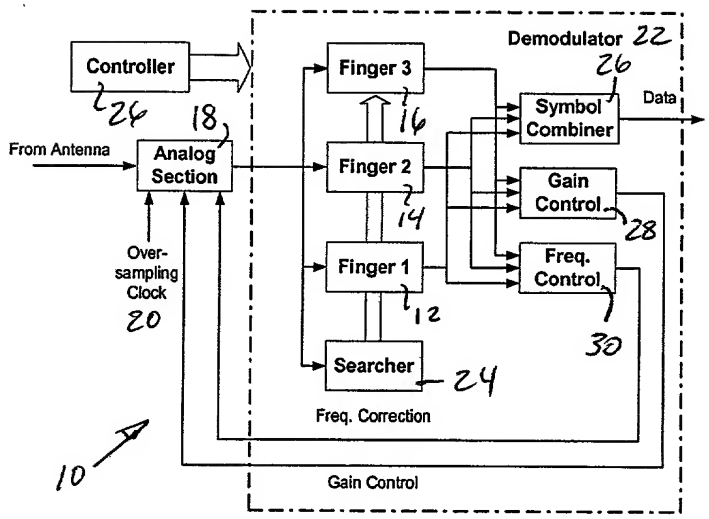


FIGURE 1

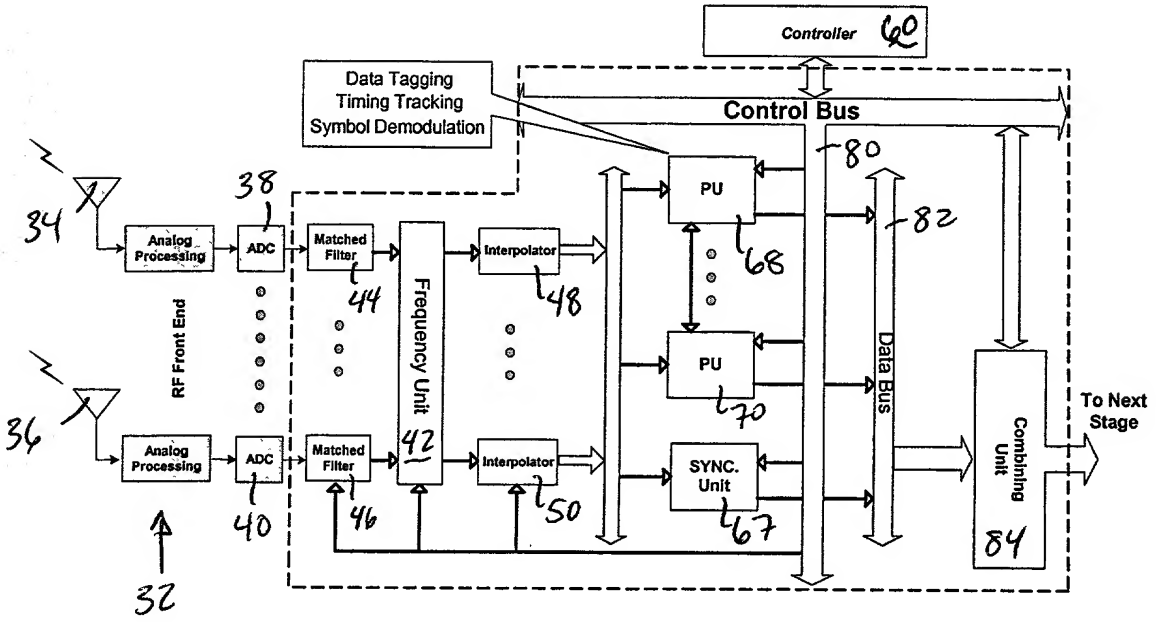


FIGURE 2

20052140 - 062404

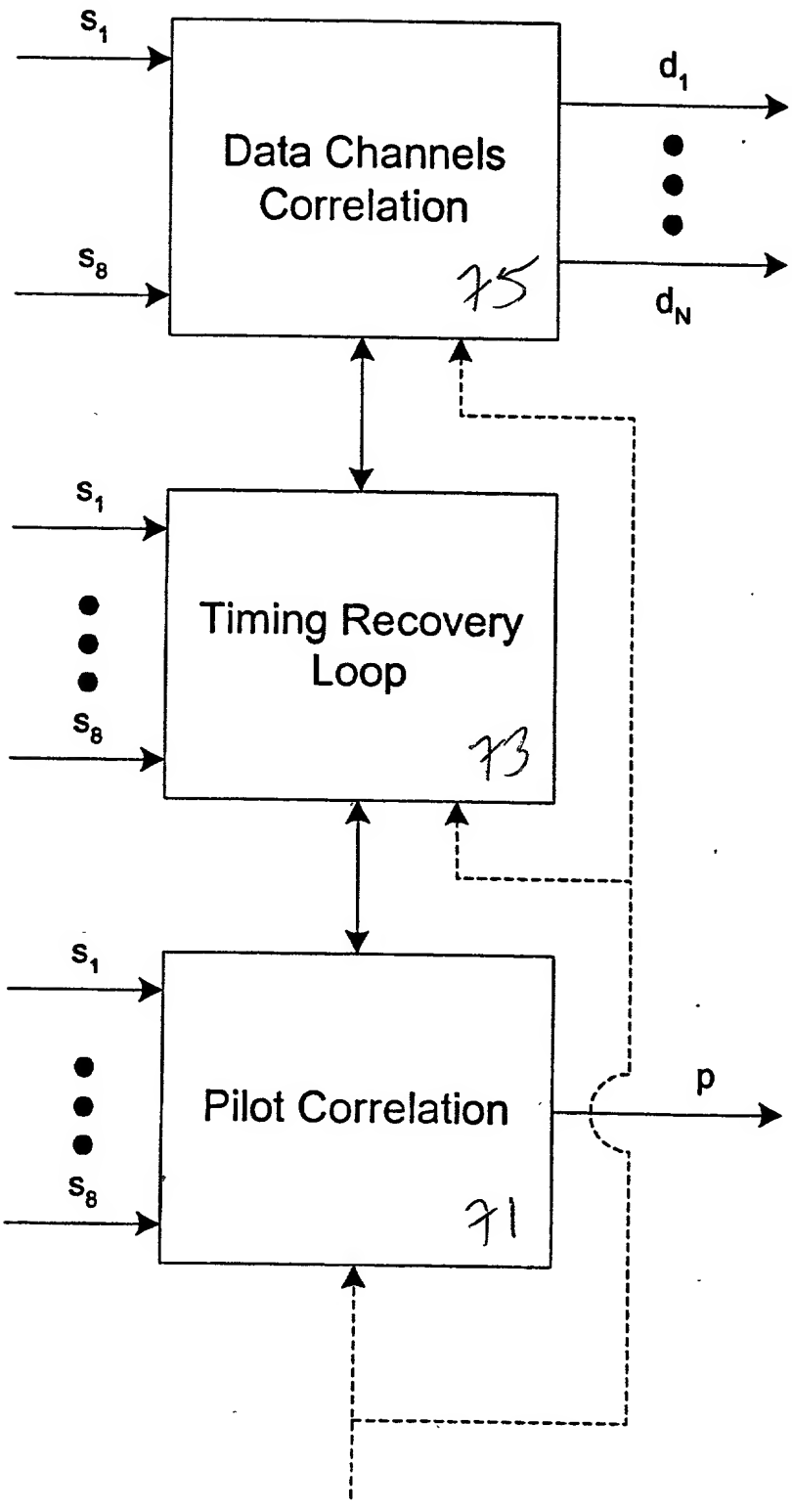


FIG. 3

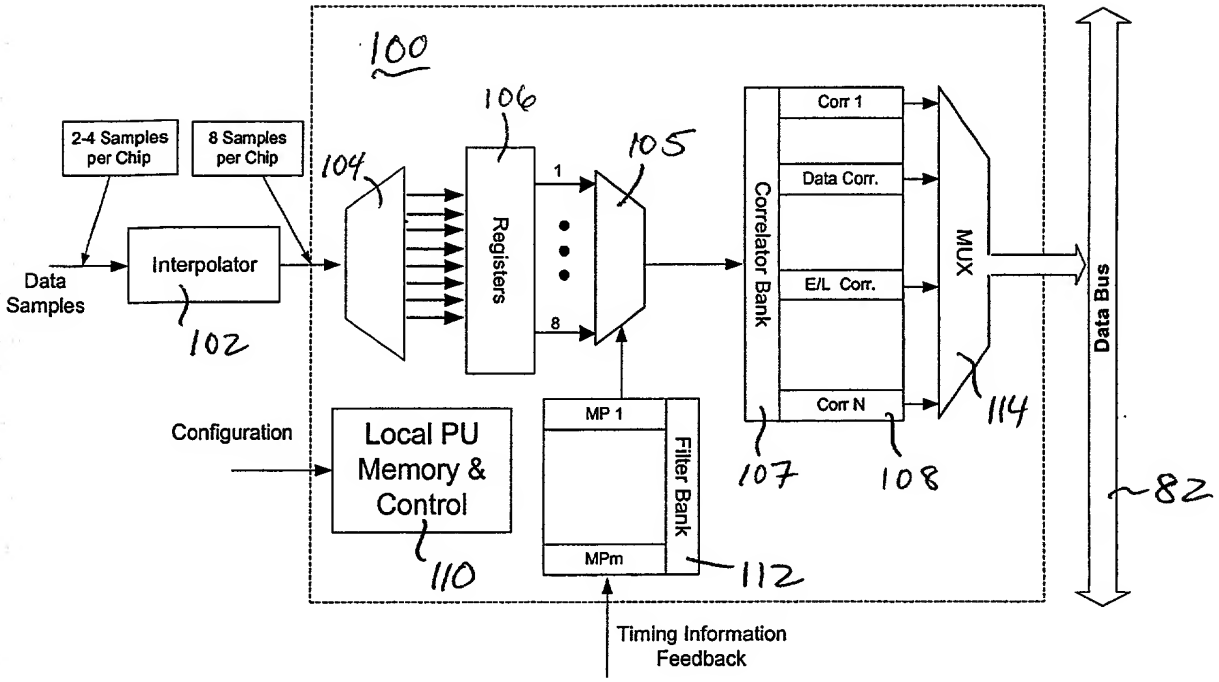


FIGURE 4

10/5/04, 30 - 04250.02

20521D "0E47500T

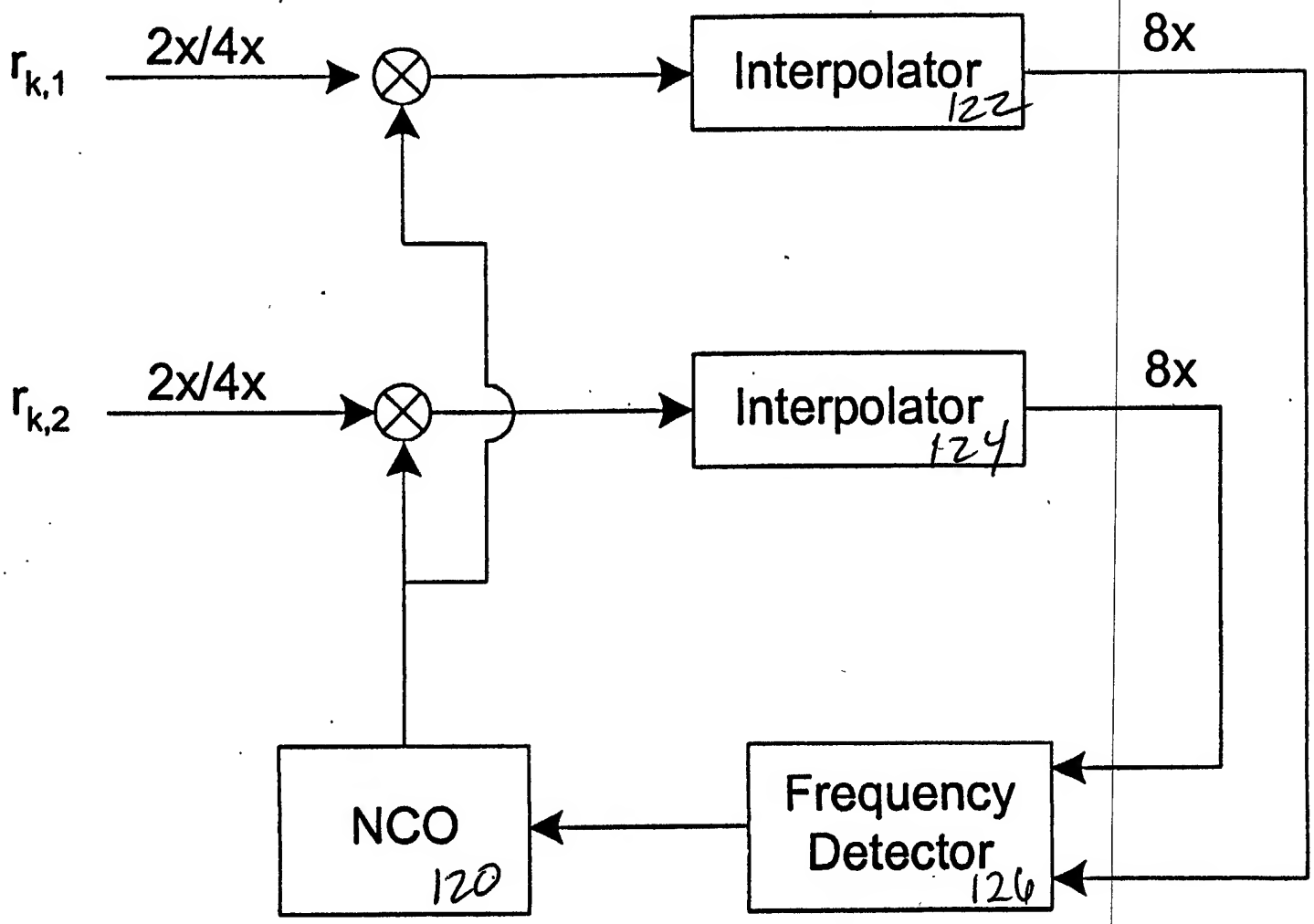


FIG. 5

20521D" 0Eh2500T

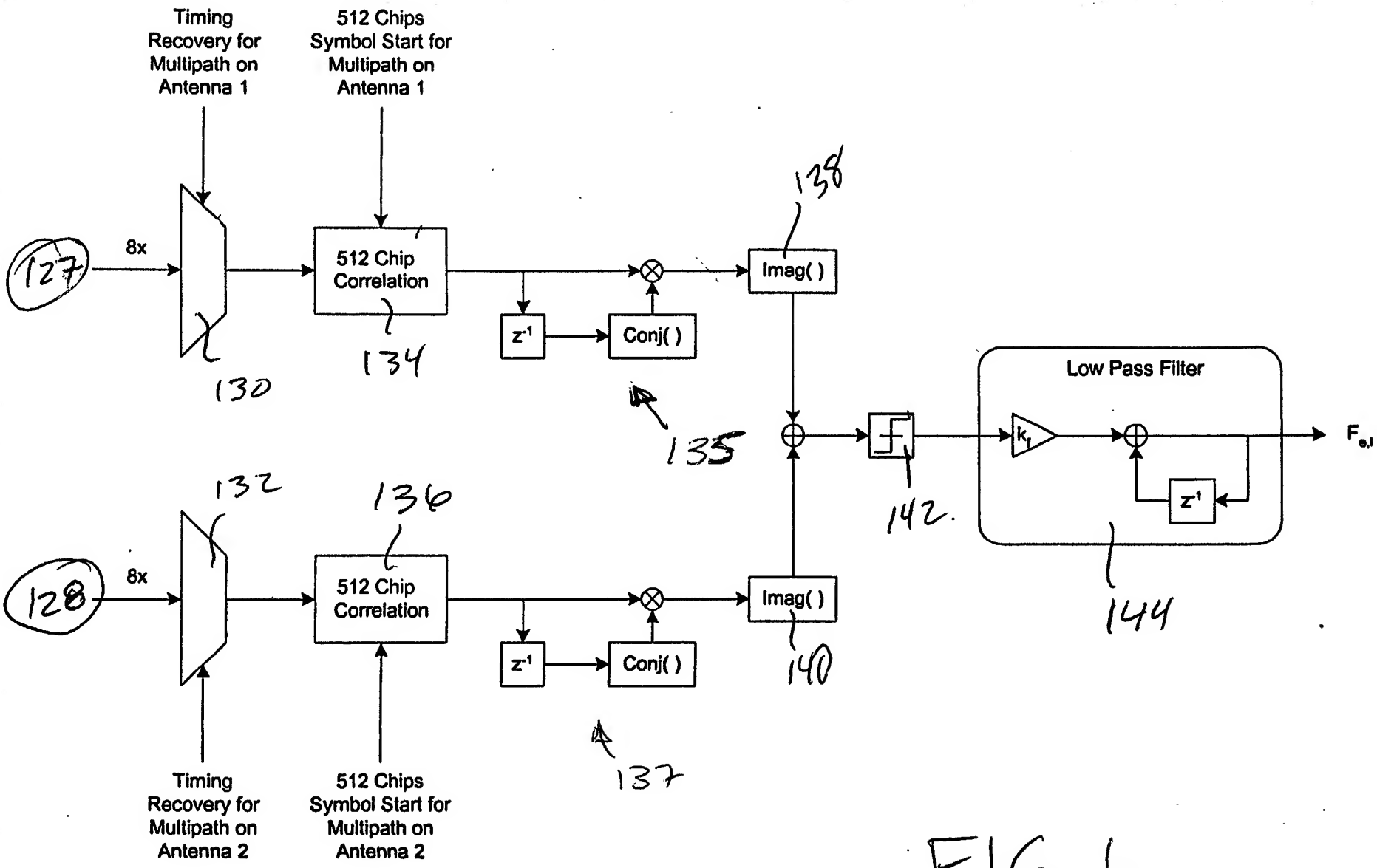


FIG. 6

20521TO" 0E4Z500T

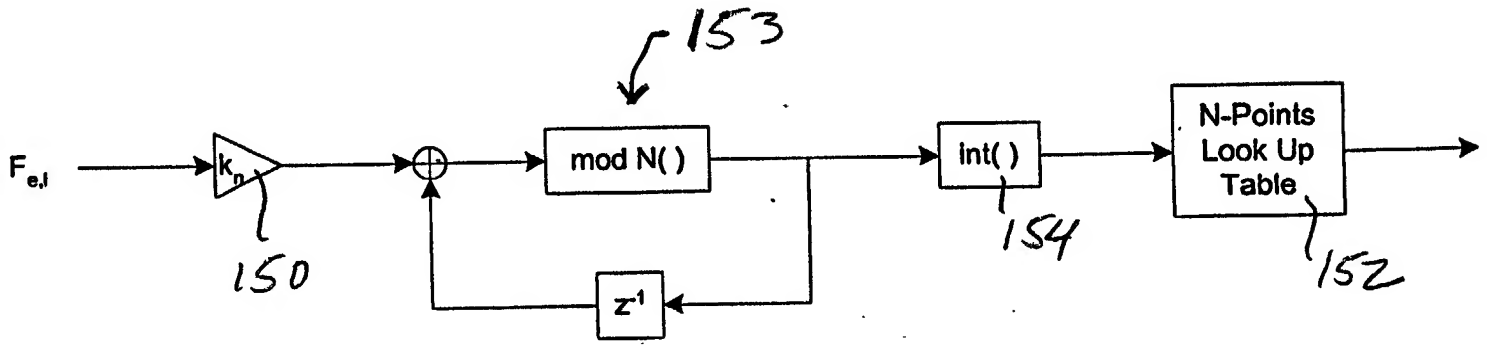


FIG. 7

20520 "0E62500T

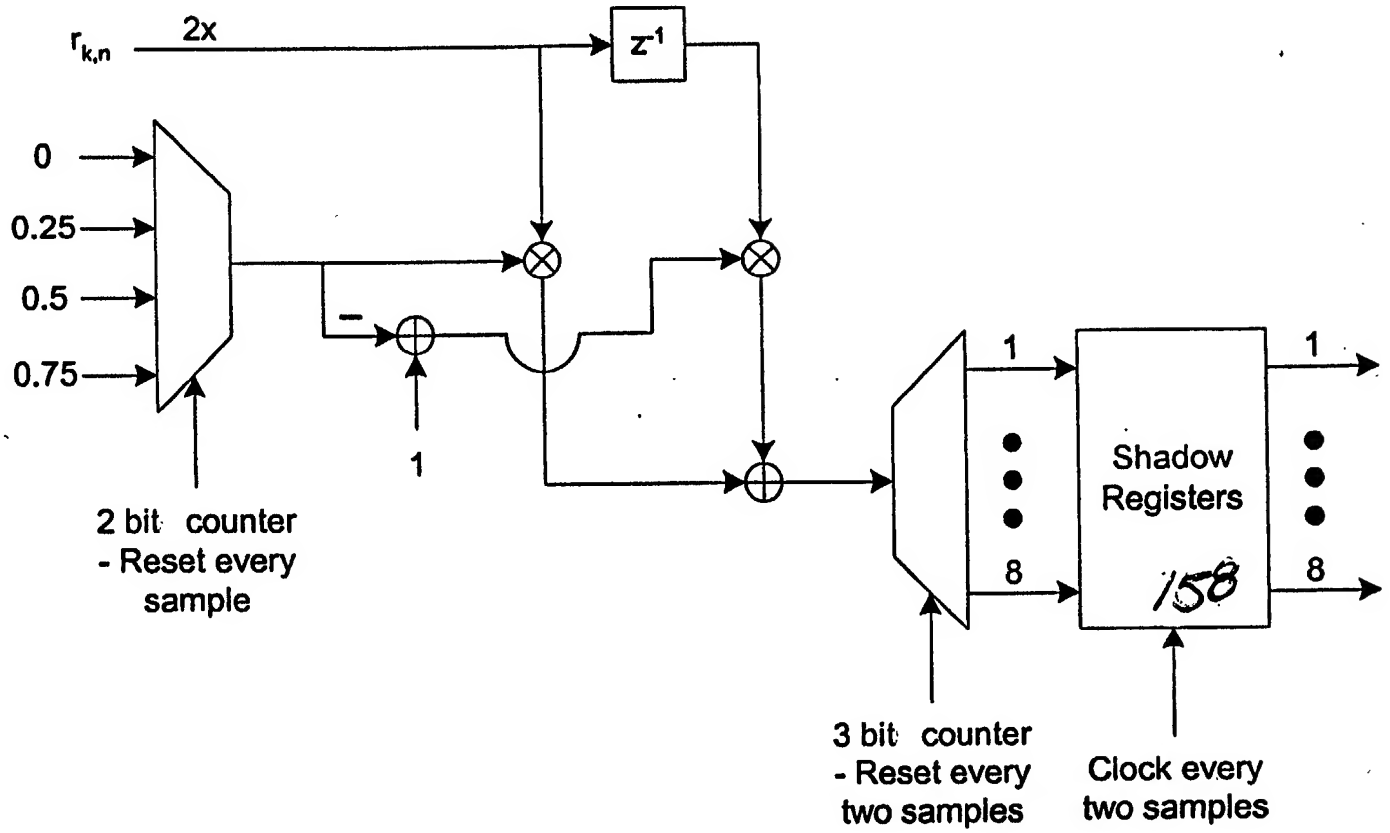


FIG. 8

20520 "0EP/5001

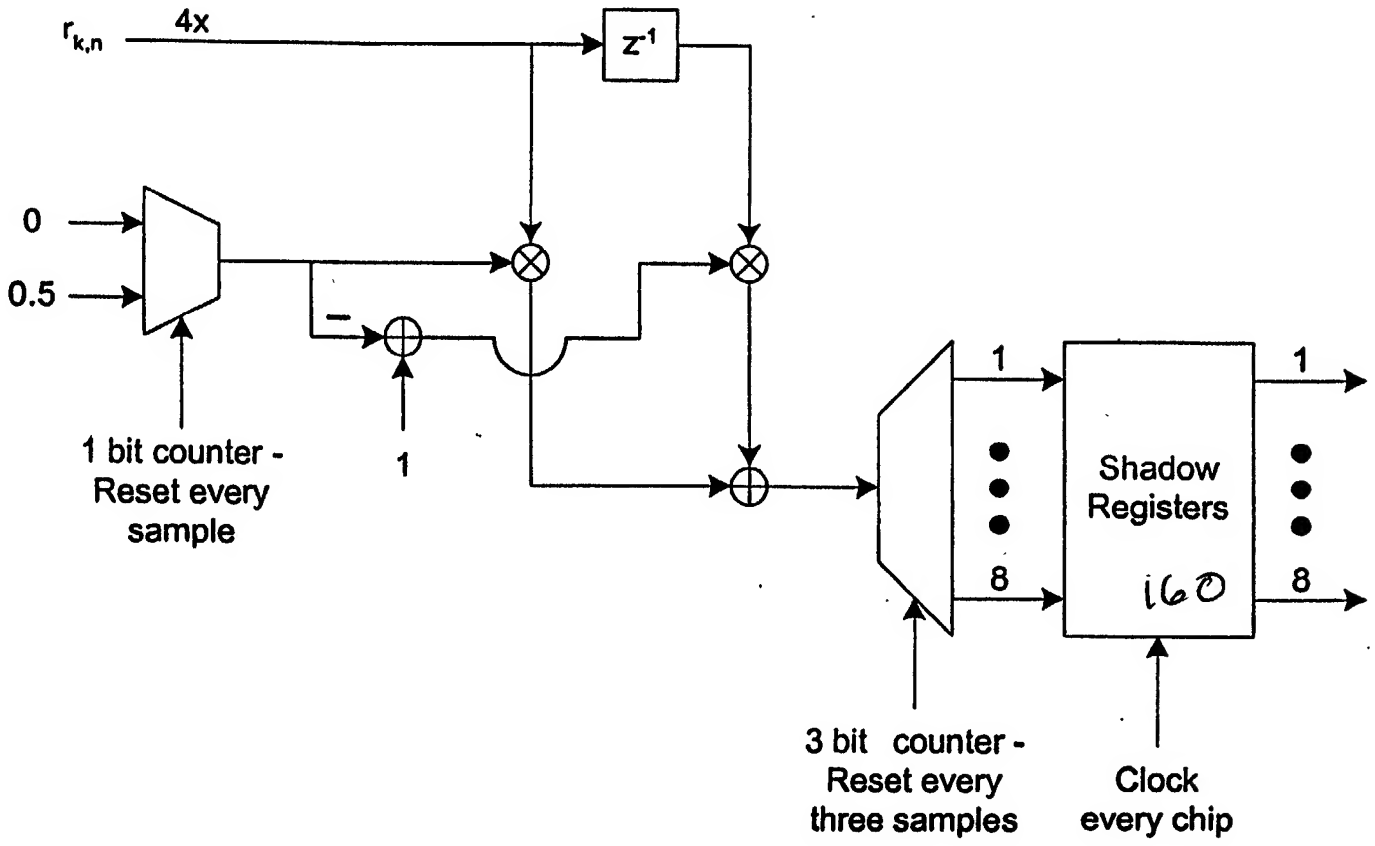


FIG. 9

| Processing Unit | Resource | Multipath Antenna | Spreading Factor | Orthogonal Code | Purpose |
|---|---|---|---|---|---|
| PU 1 | Correlator # 1 | MP 1/Ant. 1 | 256 | One | Pilot |
| | Correlator # 2 | MP 1/Ant. 1 | 256 | One | Timing Recovery |
| | Correlator # 3 | MP 1/Ant. 1 | 256 | Two | Channel One |
| | Correlator # 4 | MP 1/Ant. 1 | 128 | Three | Channel Two |
| | Correlator # 5 | MP 2/Ant. 1 | 256 | One | Pilot |
| | Correlator # 6 | MP 2/Ant. 1 | 256 | One | Timing Recovery |
| | Correlator # 7 | MP 2/Ant. 1 | 256 | Two | Channel One |
| | Correlator # 8 | MP 2/Ant. 1 | 128 | Three | Channel Two |
| | Correlator # 9 | MP 3/Ant. 2 | 256 | One | Pilot |
| | Correlator # 10 | MP 3/Ant. 2 | 256 | One | Timing Recovery |
| | Correlator # 11 | MP 3/Ant. 2 | 256 | Two | Channel One |
| | Correlator # 12 | MP 3/Ant. 2 | 128 | Three | Channel Two |
| | Correlator # 13 | Powered Down | | | |
| | Correlator # 14 | Powered Down | | | |
| | Correlator # 15 | Powered Down | | | |
| PU 2 | Powered Down | | | | |
| PU 3 | Powered Down | | | | |

FIG. 10

| PU | Resource | Multipath Antenna | Spreading Factor | Orthogonal Code | Purpose |
|---|---|---|---|---|---|
| PU 1 | Correlator # 1 | MP 1/Ant. 1 | 256 | One | Pilot |
| | Correlator # 2 | MP 1/Ant. 1 | 256 | One | Timing Recovery |
| | Correlator # 3 | MP 1/Ant. 1 | 256 | Two | Channel One |
| | Correlator # 4 | MP 1/Ant. 1 | 128 | Three | Channel Two |
| | Correlator # 5 thru 15 | Powered Down | | | |
| PU 2 | Correlator # 1 | MP 2/Ant. 1 | 256 | One | Pilot |
| | Correlator # 2 | MP 2/Ant. 1 | 256 | One | Timing Recovery |
| | Correlator # 3 | MP 2/Ant. 1 | 256 | Two | Channel One |
| | Correlator # 4 | MP 2/Ant. 1 | 128 | Three | Channel Two |
| | Correlator # 5 thru 15 | Powered Down | | | |
| PU 3 | Correlator # 1 | MP 3/Ant. 2 | 256 | One | Pilot |
| | Correlator # 2 | MP 3/Ant. 2 | 256 | One | Timing Recovery |
| | Correlator # 3 | MP 3/Ant. 2 | 256 | Two | Channel One |
| | Correlator # 4 | MP 3/Ant. 2 | 128 | Three | Channel Two |
| | Correlator # 5 thru 15 | Powered Down | | | |

FIGURE 11